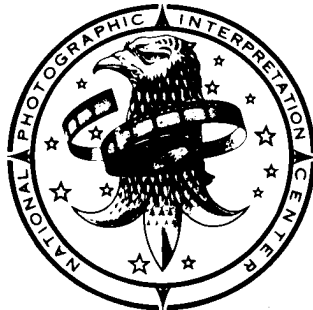


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Summary Report

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

DEPLOYMENT PATTERNS OF POLISH COMMUNICATIONS EQUIPMENT

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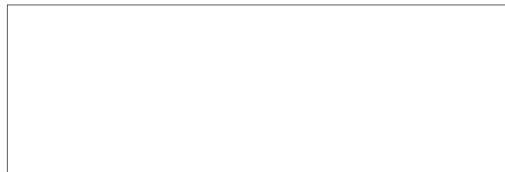
SR-015/77

MARCH 1977

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Deployment Patterns of Polish Communications Equipment

A comparison of the communications training area at Walcz Army Barracks 004 [] and two other training areas reveals a photographic signature of field-deployed Polish signal units. This signature consists of the large number and the pattern of vehicle revetments. The revetments are close together and are perpendicular to the access roads. In many cases, the revetments are on each side of the access road.

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The Walcz Army Barracks houses a signal regiment subordinate to the Polish Ministry of National Defense. A network of vehicle revetments and hardstands is adjacent to the vehicle storage area at the installation (Figure 1). Probable communications equipment has frequently been observed in this area. Walcz is the only Polish signal regiment with a local training facility of this type.

Part of a command post set up for exercise SHIELD 76 was in Torun Training Area Podgorz 416 []. Thirty-six revetments in a pattern similar to the pattern at the Walcz training facility were under construction in a wooded area [] (Figure 2). These revetments were later camouflaged.

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At Zambrow Training Area Czerwony Bor [] another probable signal-related, field-deployed site is present (Figure 3). A review of the [] coverage of this area indicated that an exercise was probably in progress. Camouflage netting was placed over some of the revetments. The site, which is in a wooded area, contained at least 36 revetments. This training area is approximately 62 nautical miles northeast of Warsaw.

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Photographic analysis of these locations coincides with collateral information on Polish signal units and their deployment practices. One report* indicated that revetting of vehicles and the use of netting and vegetation as camouflage are part of field deployment procedures. This was quite evident during SHIELD 76. Another report** indicated that 36 communications vans are part of a divisional command and control net. These vans are apparently cable connected to the equipment belonging to the divisional signal battalion, which is set up nearby. []

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REFERENCES

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List of Conversion Factors by Classification

UNITS OF LENGTH

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
MILLIMETERS	0.0394	INCHES
CENTIMETERS	0.3937	INCHES
INCHES	25.4000	MILLIMETERS
INCHES	2.5400	CENTIMETERS
FEET	0.3048	METERS
FEET	0.0003	KILOMETERS
YARDS	0.9144	METERS
METERS	3.2808	FEET
METERS	0.0005	MILES(NAUTICAL)
METERS	1.0936	YARDS
KILOMETERS	3280.8400	FEET
KILOMETERS	0.6214	MILES(STATUTE)
KILOMETERS	0.5400	MILES(NAUTICAL)
MILES(STATUTE)	1.6093	KILOMETERS
MILES(NAUTICAL)	6076.1154	FEET
MILES(NAUTICAL)	1.8520	KILOMETERS
MILES(NAUTICAL)	1852.0000	METERS

UNITS OF MASS

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
KILOGRAMS	2.2046	POUNDS(AVOIR.)
POUNDS(AVOIR.)	0.4536	KILOGRAMS
SHORT TONS	0.9072	METRIC TONS
METRIC TONS	1.1023	SHORT TONS
METRIC TONS	0.9842	LONG TONS
LONG TONS	1.0160	METRIC TONS

UNITS OF VOLUME

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
LITERS	0.2642	GALLONS
LITERS	0.0063	BARRELS(POL)
LITERS	0.0010	CUBIC METERS
GALLONS	3.7854	LITERS
GALLONS	0.1337	CUBIC FEET
GALLONS	0.0238	BARRELS(POL)
GALLONS	0.0038	CUBIC METERS
BUSHELS	0.0352	CUBIC METERS
CUBIC FEET	7.4805	GALLONS
CUBIC FEET	0.1781	BARRELS(POL)
CUBIC FEET	0.0283	CUBIC METERS
CUBIC YARDS	0.7646	CUBIC METERS
BARRELS(POL)	158.9873	LITERS
BARRELS(POL)	42.0000	GALLONS
BARRELS(POL)	5.6146	CUBIC FEET
BARRELS(POL)	0.1590	CUBIC METERS
CUBIC METERS	1000.0000	LITERS
CUBIC METERS	264.1721	GALLONS
CUBIC METERS	35.3147	CUBIC FEET
CUBIC METERS	28.3776	BUSHELS
CUBIC METERS	6.2898	BARRELS(POL)
CUBIC METERS	1.3080	CUBIC YARDS

UNITS OF AREA

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
SQUARE CENTIMETERS	0.1550	SQUARE INCHES
SQUARE INCHES	6.4516	SQUARE CENTIMETERS
SQUARE FEET	0.0929	SQUARE METERS
SQUARE YARDS	0.8361	SQUARE METERS
SQUARE METERS	10.7639	SQUARE FEET
SQUARE METERS	1.1960	SQUARE YARDS
SQUARE METERS	1.0000	CENTARES
SQUARE METERS	0.0002	ACRES
SQUARE METERS	0.0001	HECTARES
ACRES	4046.8564	SQUARE METERS
ACRES	0.4047	HECTARES
HECTARES	10000.0000	SQUARE METERS
HECTARES	2.4711	ACRES

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